

Nassawadox Grid Site Visit October 4,5, 10, 11, 2012

Day 1 Thursday, 4 October 2012 Paul Bashor Robert Tittle

Due to slight equipment malfunction (or operator error), my voice recorder lost the details of the first two sites Bob Tittle and I visited. I will put what I can in from memory.

NASA0017/C2A

Arrived at Hospital Water Plant at approximately 0930 local. Gauge is well kept so we did little maintenance. Cleaned and leveled gauges, cleaned solar panel. Made sure buckets were tipping freely. Finished at approx. 0945 local. Disregard any tips between 0930 - 0945 local on this day at the Water treatment plant site.

NASA 0019/C2B

Arrived at Dr. Stith property at approximately 0950 local. Did lite trimming around platform. Cleaned and leveled gauges as needed. Cleaned solar panel and made sure buckets were tipping ok. Finished at approx. 1000 local. Disregard any tips from the Dr. Stith property site between 0950 - 1000 hours local this day.

NASA0007/D1

Arrived at Major Jones site at 1019 hours local. Solar panel had a lot of dry grass clippings on it. See Pics. Trimmed around platform. Gauge A was slightly out of level and gauge B was level. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping freely. Finished at 1034 hours local. Disregard any tips from 1019 - 1034 hours local this day.

NASA0015/E1

Arrived at Campbell Airfield at 1036 hours local. There was a little grass around the platform, not much. Cans were fairly clean. Gauge A was significantly off level and gauge B was slightly off level. Cleaned and leveled gauges as needed. Finished at 1045. Disregard any tips from 1036 - 1045 hours local this day.

NASA0023/B2

Arrived at Machipongo Clam Shack site at 1100. Found a lot of dust and dirt on platform. However both gauges had little trash inside them. Gauge A was slightly off level and free tipping. Gauge B was slightly off level and free tipping. Cleaned and leveled gauges as needed. Replaced ss screws with the black plastic screws. Installed bird spikes on both gauges. Made sure buckets were tipping freely. Finished at 1125. Disregard any tips form 1100 - 1125 local this day.

NASA0022/A2

Arrived Hare Valley Transfer Station at 1130. Trimmed lightly around platform with string trimmer. Gauge A was level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled

gauges as needed. Cleaned solar panel. Finished at 1150 local. Disregard any tips from 1130 - 1150 hours local this day.

NASA0018/C1

Arrived at Hermitage Farms Nursery at 1205 local. Both gauges were fairly clean. Gauge A was slightly off level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping ok. Finished at 1216 local. Disregard any tips from 1205 - 1216 hours local this day.

NASA0002/B1

Arrived at the Tranquility Farm site at 1226 hours local. Found a lot of bird droppings in the buckets so we installed bird spikes at this site. Inside of the cans were very clean though. Gauge A was slightly off level and tipping ok. Gauge B was significantly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Replaced the ss can screws with the black plastic screws. Trimmed lightly around the platform. Finished at 1247 local. Disregard any tips from 1226 - 1247 local this day.

NASA0005/A1

Arrived at the Ken Dufty farm site at 1258 hours local. Found a lot of bird droppings in the gauge cans. Will need to put bird spikes at this site on the next visit. Gauge A was significantly off level and tipping ok. Gauge B was level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Replaced ss can screws with black plastic screws. Trimmed lightly around gauge platform. Finished at 1310 local. Disregard any tips from 1258 - 1310 hours local this day.

Day 2 Friday, 5 October 2012 Paul Bashor Piotr Domaszczyński

NASA0011/C5

Arrived at the Colonial House site at 0942 hours local. Did a lite trim around the platform. Grass was not too high. Cans were not very dirty. Replaced ss can screws with black plastic screws. Gauge A was slight off level. Gauge B was slightly off level. Both gauges were tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Finished at 1005 hours local. Disregard any tips from 0942 - 1005 hours local this day.

NASA0025/D5

Arrived at the North Solar Panel site at 1011 hours local. Not very much debris in cans. No bird spikes on this site yet either. Gauge A was slightly off level and tipping ok. Gauge B was level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Used string trimmer around platform. Replaced ss can screws with black plastic screws. Made sure buckets were tipping ok. Finished at 1024 hours local. Disregard any tips from 1011 - 1024 hours local this day.

NASA0006/E5

Arrived at South Solar Panel site at 1029 hours local. Site was fairly clean. We did a lite trim around the platform. Gauge A was slightly off level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Bird spikes and black plastic screws had already been replaced at this site. Finished at 1040 hours local. Disregard any tips from 1029 - 1040 hours local this day.

NASA0012/E4

Arrived at the Southern Tip site at 1045 hours local. Gauges were fairly clean. Did a lite trim around the platform with the string trimmer. Gauge A was slightly off level and tipping ok. Gauge B was significantly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Finished at 1056 hours local.

NASA0009/C4

Arrived at the Tommy Lewis Farm site at 1115. Grass had grown up to about waist high in the vicinity of the platform. Used the string trimmer to cut the path to it and cut around the platform. There was very little trash in the gauges. Gauge A was slightly off level and tipping ok. Gauge B was level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping ok. Finished at 1130 hours local. Disregard any tips from 1115 - 1130 hours local this day.

NASA0016/B3

Arrived at the Right of Way site at 1138 hours local. Both gauges were fairly clean. Trimmed lightly around platform. Gauge A was slightly off level and tipping ok. Gauge B was level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Had to replace screw inserts in gauge A before replacing ss screws with black plastic screws. Finished at 1152 hours local. Disregard any tips from 1138 - 1152 hours local this day.

NASA0001/D2

Arrived at Shore Fine Labs at 1300 hours local. Gauges were pretty clean. Gauge A was slightly off level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping ok. Finished at 1311 hours local. Disregard any tips from 1300 - 1311 hours local this day.

NASA0024/E3

Arrived at the John Floyd Farm site at 1315 hours local. Gauges were not too dirty. Gauge A was significantly off level and tipping ok. Gauge B was significantly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping ok. Finished at 1330 hours local. Disregard any tips from 1315 - 1330 hours local this day.

NASA0008/E2

Arrived at the Gladden Farm site at 1337 hours local. Gauges were fairly clean. Grass needed cutting around platform. Used string trimmer to cut grass. Gauge A was slightly off level and tipping ok. Gauge B

was slightly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping ok. finished at 1352 hours local. Disregard any tips from 1337 - 1352 hours local this day.

Day 3 Wednesday, 10 October 2012 Paul Bashor

NASA0014/D4

Arrived at TNC HQ site at 1005 hours local. Did lite trimming around platform. Gauges were fairly clean inside and outside. Gauge A was slightly off level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Replaced ss screws with plastic screws. Installed bird spikes. Made sure buckets were tipping ok. Finished at 1027 hours local. Disregard any tips from 1005 – 1027 hours local this day.

NASA0010/A4

Arrived at the View from Road site at 1035 hours local. Both gauges were fairly clean. Grass did not need trimming. Gauge A was level and tipping ok. Gauge B was level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Finished at 1044 hours local. Disregard any tips from 1035 - 1044 hours local.

NASA0020/A5

Arrived at the Tankard Farm site at 1049 hours local. Platform had wild grape growing all around it. See pics. Pulled out the wild grape vines from around the platform. Gauge A was slightly off level and tipping ok. gauge B was slightly off level and tipping ok. There was quite a bit of trash inside the gauges. It looked like granular pellets of fertilizer inside. Cleaned and leveled gauges as needed. Cleaned the solar panel. Replaced ss can screws with black plastic ones. Installed bird spikes. Noticed the NASA sign needs to be driven into the ground a little further. Finished at 1123 hours local. Disregard any tips from 1049 - 1123 hours local this day.

NASA0004/B4

Arrived at the Woodlands Farms site at 1131 hours local. Both gauges were very clean. I did a lite trimming around the platform with the string trimmer. Gauge A was slightly off level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Finished at 1146 hours local. Disregard any tips from 1131 – 1146 hours local this day.

Note: Forgot to bring key to chain across road to the Salt Marsh Cradle site so I could not visit it this day.

NASA0013/C3

Arrived at the Dairy Farm site at 1155 hours local. I did a lite trimming around the platform with the string trimmer. Gauges looked fairly clean. Do not have bird spikes at this site yet, and have not changed the ss screws to plastic ones yet either. Gauge A was slightly clogged with debris. It was slightly off level and tipping ok. Gauge B was slightly off level and tipping ok. Cleaned and leveled gauges as needed.

Cleaned solar panel. Made sure buckets were tipping ok. Finished at 1217 hours local. Disregard any tips from 1155 - 1217 hours local this day.

Note:

After finishing the Dairy Farm site, I went to the South Solar Panel site because we had indications that gauge A was not sending any tips. I found that the bucket on gauge A had dropped out of the pivot points and was not tipping. I adjusted the bucket assembly for gauge A and made sure it was tipping ok. I also checked gauge B and it was tipping ok. I finished at the South Solar panel site at 1232 hours local. Disregard any tips for this site on this day.

NASA0021/D3

Arrived at the Tree Tube site at 1244 hours local. The vegetation had grown up above the funnels of the gauges. It took nearly 20 minutes of string trimming to cut the grass back to an acceptable condition. See pics. There was a great deal of trash on top of the platform and the solar panel. There was a lot of trash in the screens as well, although neither gauge was clogged up. Gauge A was slightly off level and tipping ok. Gauge B was level and tipping ok. Cleaned and leveled gauges as needed. Cleaned solar panel. Made sure buckets were tipping ok. Finished at 1323 hours local. Disregard any tips from 1244 - 1323 hours local this day.

Note:

Arrived at Machipong Clam Shack site at 1336 hours local. We had indications that gauge B was not sending tips. I found that the tipping mechanism for gauge B had dropped out of the pivot points. I adjusted the tipping mechanism for gauge B and determined that it was now tipping ok. Finished at 1344. Disregard any tips from 1336 - 1344 hours local this day.

Thursday, 11 October 2012 Paul Bashor Gary King

Note:

Gary King and I arrived at the the Southern Tip site at 0925 hours local and picked up the platform to bring back to WFF and reinstall the black box.

NASA0003/B5

At 0950 we arrived at the Salt Marsh Cradle Site. Gauge A was slightly out of level and tipping ok. Gauge B was slightly out of level and tipping ok. Cleaned and leveled gauges as needed. Made sure buckets were tipping ok. Cleaned the solar panel. Checked the straps to the ground screws and found they were tight. Finished at 0956 hours local. Disregard any tips from 0950 - 0956 hours local this day.

Note:

We returned to Wallops Island at approx. 1115. Put the NASA0012 platform adjacent to the gauge pad near N182. I reinstalled the black box and started the system at approx. 1200 hours local. Have not yet installed the temp and moisture sensors in NASA0012.



Major Jones site gauge condition #1



Major Jones site gauge condition #2



Tankard Farm Site



Tree Tube Site #1



Tree Tube Site #2



Tree Tube Site #3



Tree Tube Site after cleanup